

Pumpkin Patch!

Colchester Renewable Energy Project

Pumpkin Patch Site

Overview

- 217kW DC
- 242,000kWh
- \$44,462 in net metering credits / year
- Roughly 30% of Town's electric energy
- Savings after payback of capital and expenses:
\$455,649

Attachment B



ELECTRICAL EQUIPMENT INFORMATION

REC 3427773-UV REC SOLAR
QTY: 620 340W

GROUND-FAULT CURRENT
QTY: 10 15.0KA

ELECTRICAL CHARACTERISTICS (STD)

- MAX. POWER CURRENT (NMP) 8.04A
- MAX. POWER VOLTAGE (NMP) 36.50V
- SHORT CIRCUIT CURRENT (SCC) 8.32A
- OPEN CIRCUIT VOLTAGE (OCV) 46.30V
- SIZE: 75.0X38.4X1.87
- WEIGHT: 61.7LBS.
- MAX. INPUT POWER: 15,000W
- MAX. CONTINUOUS OUTPUT CURRENT: 63.5A

INPUT DC

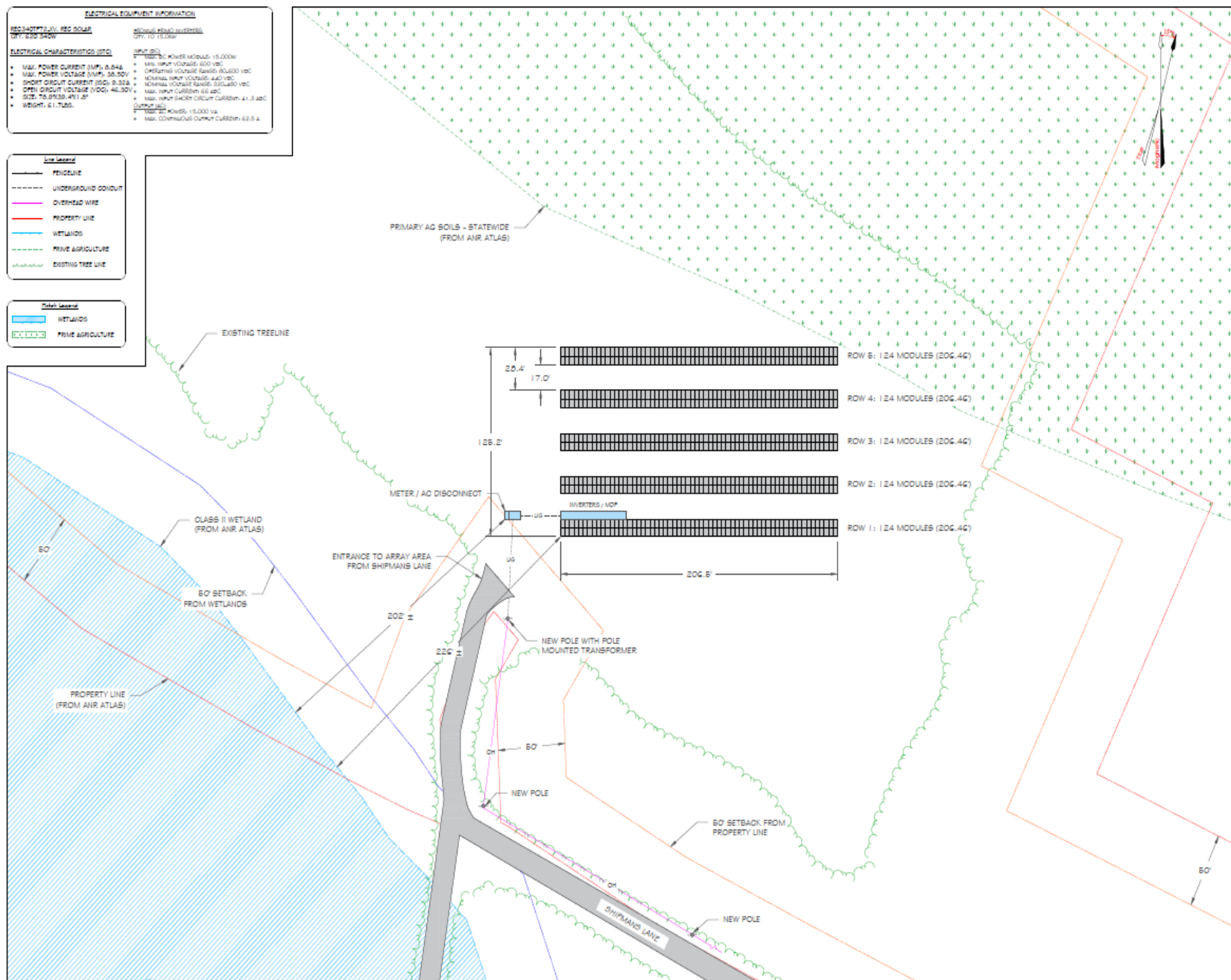
- MAX. INPUT POWER: 15,000W
- MIN. INPUT VOLTAGE: 600 VDC
- OPERATING VOLTAGE RANGE: 600-850V VDC
- NOMINAL INPUT VOLTAGE: 640 VDC
- MINIMUM VOLTAGE RANGE: 315-850V VDC
- MAX. INPUT CURRENT: 63.5A
- MAX. INPUT SHORT CIRCUIT CURRENT: 63.5A
- MAX. INPUT POWER: 15,000 W
- MAX. CONTINUOUS OUTPUT CURRENT: 63.5 A

Line Legend

- PERCUTIVE
- UNDERGROUND CONDUIT
- OVERHEAD WIRE
- PROPERTY LINE
- WETLANDS
- PRIME AGRICULTURE
- EXISTING TREE LINE

Tree Legend

- WETLANDS
- PRIME AGRICULTURE



Project Status

- ☑ **Contract with AEGIS Renewable Energy**
- ☑ **Permits submitted early July;
Certificate for Public Good August**
- ☑ **Lease through MLC is approved**
- ☑ **Notice to Proceed has been issued**
- ☑ **Installation is moving forward**

Work has already begun



Time & Money Saving Equipment



Panels are ready for installation



Racking Delivered

